LAND APPLICATION SITE

TERRY L. HAZELWOOD SITE

LUTLH 1-7

LUNENBURG COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 01/16/21 between Haze LLC referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:
The Landowner is the owner of record of the real property located in Lunenburg, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
	21-A-23		
	21-A-23A		
	21-A-25		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
☒ Yes ☐ No	☒ Yes ☐ No	☒Yes ☐ No	☒ Yes ☐ No

Printed name	Mailing Address	Landowner Signature
Haze, LLC By: Jerry Haylwood Title* President	692 Trailer Park Victoria, VA 23974 Phone No. 434-480-6492	Jerry Haylwood

*☐ I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

*☑ I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

Permittee:
Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name	Mailing Address	Permittee- Authorized Representative Signature
Susan Trumbo	PO Box 562, Remington Virginia 22734	
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Lunenburg

Landowner: Haze LLC

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Terry Haywood 1-16-2021

Landowner's Signature Date

Terry Haywood 692 Trailer Park Rd Victoria, VA 23974 1-16-2021

Operator's Signature mailing address & phone Date

Recyc Systems, Inc

Terry L. Hazelwood Site

County	Owner	Operator	FSA Tract No.	Recyc Field No.	Acres	Date of Last Application
Lunenburg	Terry L. Hazelwood	Terry L. Hazelwood	T2325 Fields 7,8	LWTLH 1	8.8	-
			T2325 Field 3	LWTLH 2	5.0	-
			T2325 Field 2	LWTLH 3	15.9	-
			T2325 Field 1	LWTLH 4	5.1	-
			T2325 Field 5	LWTLH 5	11.7	-
			T2161 Fields 1,3	LWTLH 6	10.0	-
			T2161 Field 2	LWTLH 7	2.6	-

FARM DATA SHEET

SITE NAME:	Terry L. Hazelwood	**COUNTY:**	Lunenburg
OWNER:	Terry L. Hazelwood	**OPERATOR:**	Terry L. Hazelwood
OWNER'S ADDRESS:	9821 Plank Road Kenbridge, VA 23944	**OPERATOR'S ADDRESS:**	9821 Plank Road Kenbridge, VA 23944
OWNER'S TELEPHONE:	434-676-8794	**OPERATOR'S TELEPHONE:**	434-676-8794
GENERAL FARM TYPE:	Hay/pasture	**CELL PHONE:**	434-917-5735
# CATTLE:	65	**EMAIL:**	
LAGOON or SLURRY:	None	**LATITUDE:**	37°01'07"
TOPO QUAD:	Meherrin	**LONGITUDE:**	78°14'12"
COMMENTS:			

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
LUTLH 1	8.8	12B (Dec-Apr)	-	-	-	CU02	TM21(A),P23A	2325
LUTLH 2	5.0	-	-	-	-	CU02	TM21(A),P23A	2325
LUTLH 3	15.9	-	-	-	-	CU02	TM21(A),P23,23A	2325
LUTLH 4	5.1	-	-	-	-	CU02	TM21(A),P23,23A	2325
LUTLH 5	11.7	-	-	-	-	CU02	TM21(A),P23A	2325
LUTLH 6	10.0	12B (Dec-Apr)	-	-	-	CU02	TM21(A),P25	2161
LUTLH 7	2.6	-	-	-	-	CU02	TM21(A),P25	2161
TOTAL ACRES IN SITE	59.1							

Report Number: 09-315-0562
Account Number: 70594

www.allabs.com

A&L Eastern Laboratories, Inc.

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
SUSAN TRUMBO
8455 WHITESHOP RD
CULPEPER VA 22701

Grower:
TERRY L HAZELWOOD
LUNENBURG

Submitted By: J B CRENSHAW
Farm ID:

SOIL ANALYSIS REPORT

Date Received: 11/11/2009 **Date Of Analysis:** 11/12/2009 **Date Of Report:** 11/13/2009

Analytical Method(s):
MEHLICH 3

Sample ID / Field ID	Lab Number	Organic Matter			Phosphorus		Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Rate	Reserve ppm	Rate	K ppm	Rate	Mg ppm	Rate	Ca ppm	Rate	Na ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
LUTLH1	03892	2.7	M	99	12	VL			14	VL	64	M	460	M			5.7	6.85	0.8	3.6
LUTLH2	03893	2.9	M	100	9	VL			110	M	140	H	621	M			6.0	6.85	0.8	5.4
LUTH3	03895	2.9	M	100	19	L			19	VL	134	H	684	M			6.1	6.86	0.7	5.3
LUTH4	03896	2.6	M	94	46	M			15	VL	121	H	785	H			6.5	6.89	0.4	5.4
LUTH5	03897	2.5	L	94	15	L			18	VL	98	H	512	M			6.1	6.88	0.5	4.0

Sample ID / Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO_3N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate	Cl ppm Rate	Al ppm
LUTLH1	1.0	14.8	63.9		21.3										
LUTLH2	5.2	21.6	57.5		15.3										
LUTH3	0.9	21.1	64.5		13.8										
LUTH4	0.7	18.7	72.7		7.4										
LUTH5	1.2	20.4	64.0		13.6										

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by:

Oscar Ruiz

Report Number: 09-315-0562
Account Number: 70594

www.allabs.com

A&L Eastern Laboratories, Inc.
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
SUSAN TRUMBO
8455 WHITESHOP RD
CULPEPER VA 22701

Grower:
TERRY L HAZELWOOD
LUNENBURG

Submitted By: J B CRENSHAW
Farm ID:

Date Received: 11/11/2009
Date Of Report: 11/13/2009

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
LUTLH1	Adjust pH to 6.8	0	1.5				16						
LUTLH2	Adjust pH to 6.8	0	1.3				0						
LUTH3	Adjust pH to 6.8	0	1.3				0						
LUTH4	Adjust pH to 6.8	0	1.0				0						
LUTH5	Adjust pH to 6.8	0	1.3				0						

Comments:

Crop: Adjust pH to 6.8 - Sample(s) LUTH5, LUTLH1:

Apply dolomitic lime to raise pH and improve the magnesium level.

Crop: Adjust pH to 6.8 - Sample(s) LUTLH1:

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Analytical Method(s):
MEHLICH 3

Sample ID / Field ID	Lab Number	Organic Matter			Phosphorus				Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Mehlich 3 Rate	Reserve ppm	Reserve Rate	K ppm	K Rate	Mg ppm	Mg Rate	Ca ppm	Ca Rate	Na ppm	Na Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
LUTH6	03898	1.7	L	81	20	L			19	VL	43	H	248	M			5.6	6.88	0.5	2.1
LUTH7	03899	1.6	L	79	29	L			13	VL	43	H	220	M			5.5	6.88	0.5	2.0

Sample ID / Field ID	Percent Base Saturation					Nitrate		Sulfur		Zinc		Manganese		Iron		Copper		Boron		Soluble Salts		Chloride		Aluminum
	K %	Mg %	Ca %	Na %	H %	NO_3N ppm	NO_3N Rate	S ppm	S Rate	Zn ppm	Zn Rate	Mn ppm	Mn Rate	Fe ppm	Fe Rate	Cu ppm	Cu Rate	B ppm	B Rate	SS ms/cm	SS Rate	Cl ppm	Cl Rate	Al ppm
LUTH6	2.3	17.1	59.0		23.8																			
LUTH7	1.7	17.9	55.0		25.9																			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

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SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
LUTH6	Adjust pH to 6.8	0	1.8				37						
LUTH7	Adjust pH to 6.8	0	1.8				37						

Comments:

Crop: Adjust pH to 6.8 - Sample(s) LUTH6, LUTH7:

Apply dolomitic lime to raise pH and improve the magnesium level.

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

This soil is very sandy and subject to heavy leaching loss of nutrients such as nitrogen, sulfur and boron . To minimize loss, make sure apply these leachable nutrients close to planting time in the Spring or when plants start to grow. Split application if possible.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Oscar Ruiz

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator
Terry Hazelwood
9821 Plank Road
Kenbridge, VA 23944
434-676-8794

Integrator:*None*

Farm Coordinates
Easting: 0, Northing: 0, zone: 17

Watershed Summary
watershed: CU02
county: Lunenburg

Nutrient Management Planner
Recyc Systems, Inc.
P.O. Box 562
Remington, VA 22734
540.547.3300
Certification Code: None

Acreage Use Summary
Total Acreage in this plan: 59.1

Cropland:	0	0.
Hayland:	23.	23.6
Pasture:	35.	35.5
Specialty:	0	0.

Livestock Summary

Beef Cattle	0	0
Dairy Cattle	0	0
Poultry	0	0
Swine	0	0
Other	0	0

Manure Production Balance

	Imported	Produced	Exported	Used	Net
kgals	0.	0.	0.	0.	0.
tons	0.	0.	0.	0.	0.

Plan written 12/1/2009
Valid until 12/1/2009

Signature: _____

Planner **date**

Tract: 2325 Location: Lunenburg
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field GFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
7, 8/LUTLH01(N)	9/9	2009 2010	Grass Pasture	50-30-40 50-40-80	0/0 0/0				50-30-40 50-70-120	N/A N/A			
3/LUTLH02(N)	5/5	2009 2010	Grass Pasture	50-30-40 50-60-30	0/0 0/0				50-30-40 50-90-70	N/A N/A			
2/LUTLH03(N)	16/16	2009 2010	Orchardgrass hay mt.	70-50-95 70-70-130	0/0 0/0			% ,	70-50-95 70-120-225	N/A N/A			
1/LUTLH04(N)	5/5	2009 2010	Orchardgrass hay mt.	70-50-95 70-40-130	0/0 0/0				70-50-95 70-90-225	N/A N/A			
5/LUTLH05(N)	12/12	2009 2010	Grass Pasture	50-30-40 50-50-70	0/0 0/0				50-30-40 50-80-110	N/A N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress

Notes:

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Summer, 2009-Winter, 2010)
Terry L. Hazelwood
Planner: Recyc Systems, Inc.

Tract: 2161 **Location: Lunenburg**
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 3/LUTLH06(N)	10/10	2009	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
		2010	... ...	50-40-70	0/0				50-70-110	N/A			
2/LUTLH07(N)	3/3	2009	Orchardgrass hay mt.	70-50-95	0/0				70-50-95	N/A			
		2010	... ...	70-50-130	0/0				70-100-225	N/A			

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

THE PLANNER IS NOT STATE CERTIFIED

Terry L. Hazelwood Narrative

The Terry L. Hazelwood Farm is located in Lunenburg County. The farm consists of pasture and hayland for their cow calf operation.

This partial plan is written for the purpose of obtaining a biosolids permit. Biosolids application has not been shown since it is uncertain when a permit will be obtained. The partial plan will be revised prior to biosolids application to obtain a target biosolids application rate.

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
2161	LUTLH06	10	2009-Fa	L+ (20 P ppm)	L (19 K ppm)	A&L Mill	5.6		
2161	LUTLH07	3	2009-Fa	M (29 P ppm)	L (113 K ppm)	A&L Mill	5.5		
2325	LUTLH01	9	2009-Fa	L+ (12 P lbs/acre)	L- (114 K lbs/acre)	Virginia Tech	5.7		
2325	LUTLH02	5	2009-Fa	L- (9 P ppm)	M+ (110 K ppm)	A&L Mill	6.		
2325	LUTLH03	16	2009-Fa	L+ (19 P ppm)	L (19 K ppm)	A&L Mill	6.1		
2325	LUTLH04	5	2009-Fa	M+ (46 P ppm)	L (15 K ppm)	A&L Mill	6.5		
2325	LUTLH05	12	2009-Fa	L (15 P ppm)	L (18 K ppm)	A&L Mill	6.1		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
2161	2161/1, 3	LUTLH06	10	Georgeville	IVb	IV	III	IV	
	2161/2	LUTLH07	3	Georgeville	IVb	IV	III	IV	
2325	2325/7, 8	LUTLH01	9	Georgeville	V	IV	Not Suited	IV	
	2325/3	LUTLH02*	5	Nason	IVb	IV	III	IV	High Slope
	2325/2	LUTLH03	16	Georgeville	IVb	IV	III	IV	
	2325/1	LUTLH04	5	Georgeville	IVb	IV	III	IV	
	2325/5	LUTLH05	12	Georgeville	IVb	IV	III	IV	

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applicaions.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Summer, 2009 - Winter, 2010**

Farm Name: **Terry L. Hazelwood**
Location: Lunenburg
Specialist: Recyc Systems, Inc.

Tract Name: **2161**
FSA Number: 2161
Location: Lunenburg

Field Name: **LUTLH06**
Total Acres: 10.00 Usable Acres: 10.00
FSA Number: 1, 3
Tract: 2161
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	5.6	L+(20 P ppm)	L(19 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
5	11C2	Herndon
44	11B2	Herndon

51	8B2	Georgeville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.4 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till
2010-Sp	2.4 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name: LUTLH07

Total Acres:	2.60	Usable Acres:	2.60
FSA Number:	2		
Tract:	2161		
Location:		Lunenburg	
Slope Class:	B	Hydrologic Group:	B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	5.5	M(29 P ppm)	L(13 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
67	8B2	Georgeville
33	11C2	Herndon

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.4 tons	Orchard grass (hay), maint. - No Till
2010-Sp	2.4 tons	Orchard grass (hay), maint. - No Till

Tract Name: **2325**
FSA Number: 2325
Location: Lunenburg

Field Name: **LUTLH01**
Total Acres: 8.80 Usable Acres: 8.80
FSA Number: 7, 8
Tract: 2325
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	5.7	L+(12 P lbs/acre)	L-(14 K lbs/acre)	Virginia Tech

Soils:

PERCENT	SYMBOL	SOIL SERIES
65	8B2	Georgeville
33	12B	Iredell
2	20D	Poindexter

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.6 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till
2010-Sp	2.6 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name: **LUTLH02**

Total Acres:	5.00	Usable Acres:	5.00
FSA Number:	3		
Tract:	2325		
Location:		Lunenburg	
Slope Class:	C	Hydrologic Group:	C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	6.0	L-(9 P ppm)	M+(110 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
45	8B2	Georgeville
3	8C2	Georgeville
52	17D2	Nason

Field Warnings:
Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.4 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till
2010-Sp	2.4 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name: LUTLH03

Total Acres: 15.90 Usable Acres: 15.90
FSA Number: 2
Tract: 2325
Location: Lunenburg
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	6.1	L+(19 P ppm)	L(19 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	8B2	Georgeville
10	8C2	Georgeville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.6 tons	Orchard grass (hay), maint. - No Till
2010-Sp	2.6 tons	Orchard grass (hay), maint. - No Till

Field Name: LUTLH04

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	6.1	L(15 P ppm)	L(18 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
13	8C2	Georgeville
80	8B2	Georgeville
7	11C2	Herndon

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	1.8 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till
2010-Sp	1.8 acres/AU	Orchard grass/fescue pastures<=25% legume, maint. - No Till

Total Acres:	5.10	Usable Acres:	5.10
FSA Number:	1		
Tract:	2325		
Location:		Lunenburg	
Slope Class:	B	Hydrologic Group:	B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:
Pasture (>75% cover)

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Fa-2009	6.5	M+(46 P ppm)	L(15 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
83	8B2	Georgeville
17	11C2	Herndon

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2009-Su	2.5 tons	Orchard grass (hay), maint. - No Till
2010-Sp	2.5 tons	Orchard grass (hay), maint. - No Till

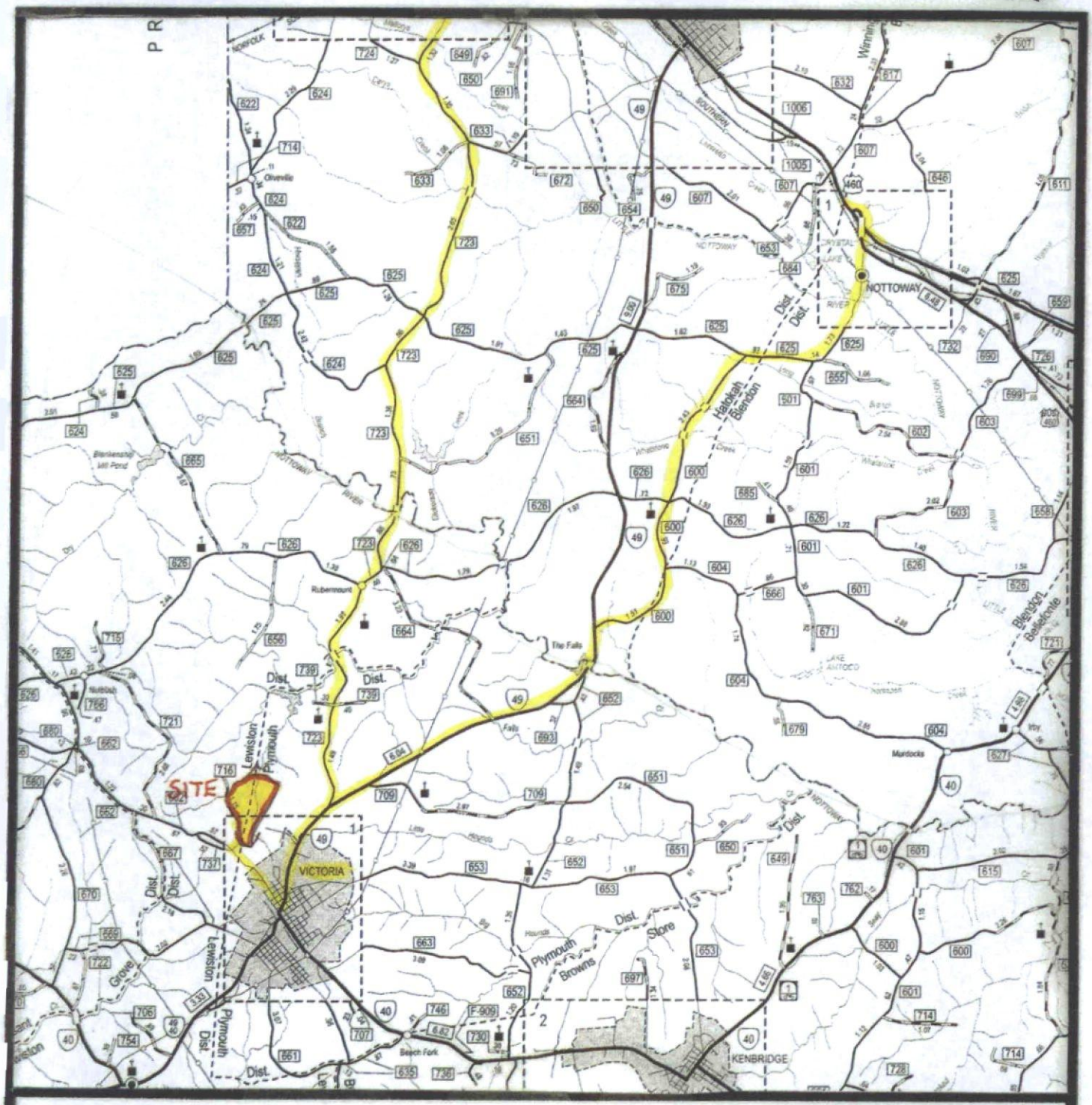
Field Name: LUTLH05

Total Acres:	11.70	Usable Acres:	11.70
FSA Number:	5		
Tract:	2325		
Location:		Lunenburg	
Slope Class:	B	Hydrologic Group:	B

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 miles

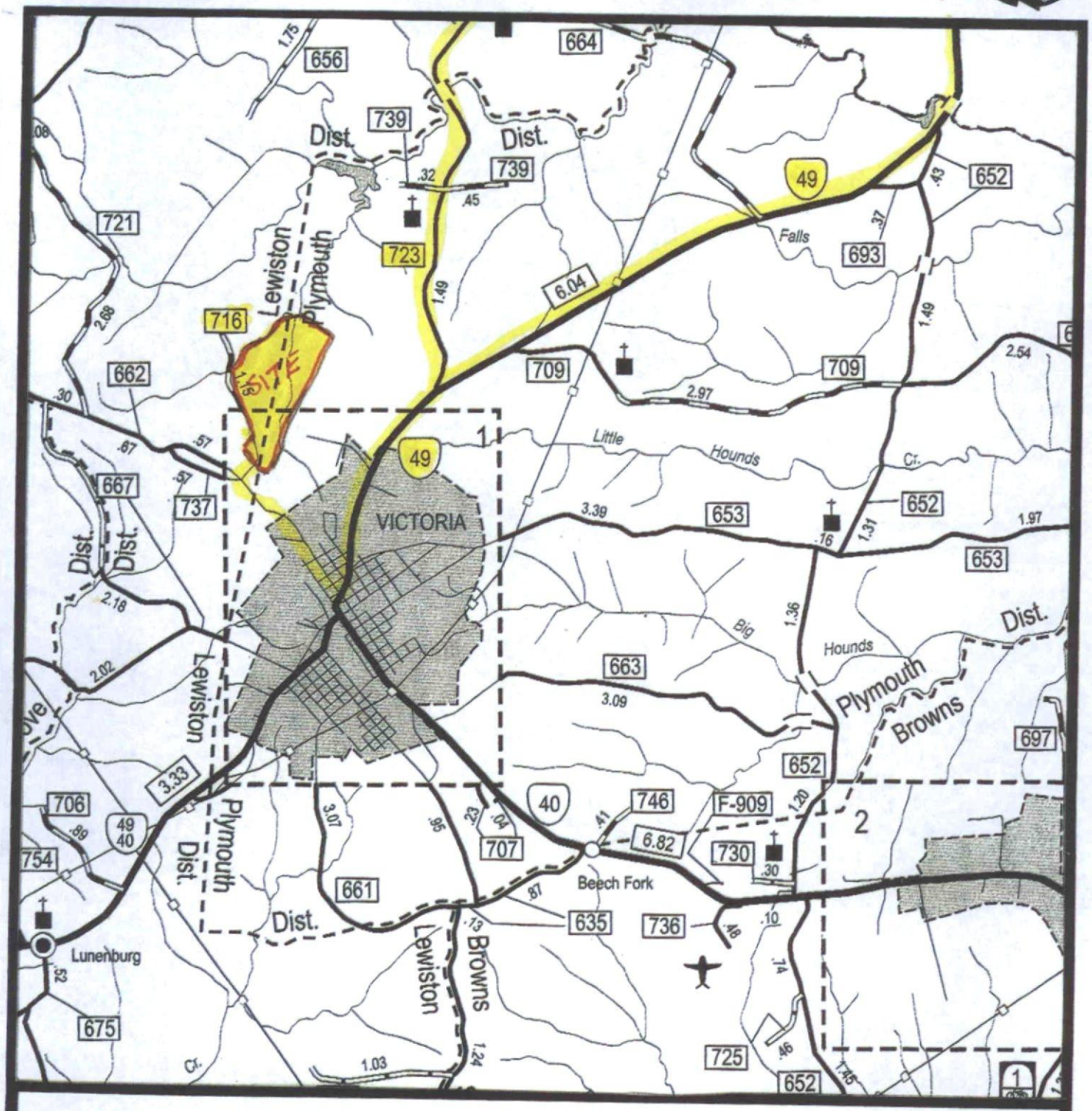
LUTLH 1-7

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

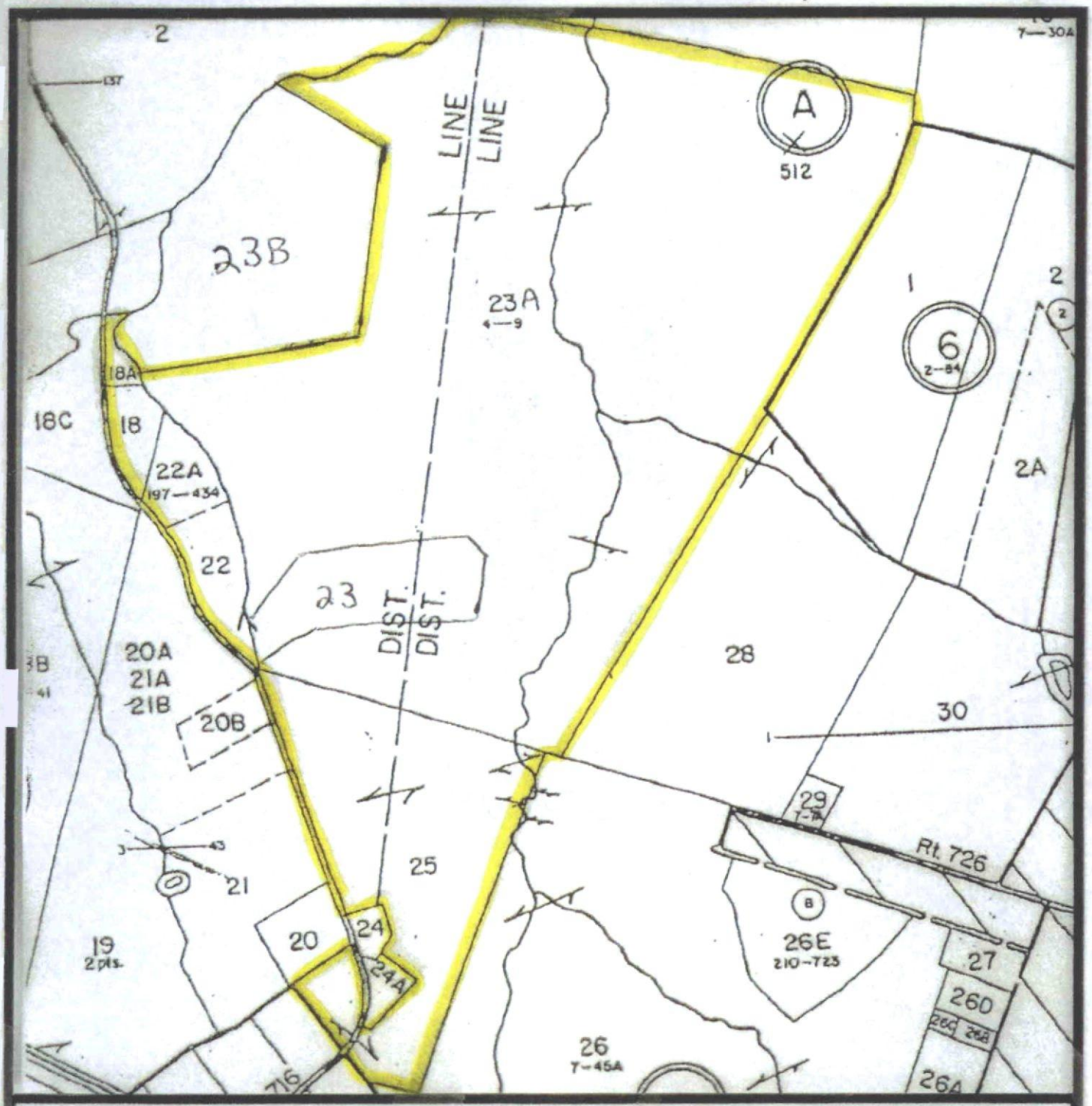
LUTLH 1-7

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 FEET LUTLH 1-7

TAX MAP

N

ADJOINING LANDOWNERS

Terry L. Hazelwood

LUNENBURG COUNTY

Tax Map	Parcel #	Owner Name(s)
21A	2	Herman G. & R. Carolyn Crenshaw
	18B	Jeanette Jackson
	18C	Everette Thompson
	20	Angela Williams
	20A	Laura G. Morgan
	20B	Lawrence A. or Catherine Vervoort
	21	Paul Jackson
	21C	Laura G. Hamersly
	23B	Lewis N. Tharpe or R. Chad Acors
	24	Larry B. or Lorinta N. Hurt
	24A	Louise Cawthorne, Marion North
	26	Bill or Cynthia J. Pierce
	28	Jacob Ray or Carolyn V. Lewis
	46	Jacob Ray or Carolyn V. Lewis
	47	Jacob Ray or Carolyn V. Lewis
	48	Ada A. Jenkins
21(1)	1	Forestree GM, LLC
21(6)	1	Edwin Vaughan etal

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 FEET LUTLH 1-5

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 FEET LUTLH 6-7

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)

T# 2325

Scale: 1 inch = 660 FEET

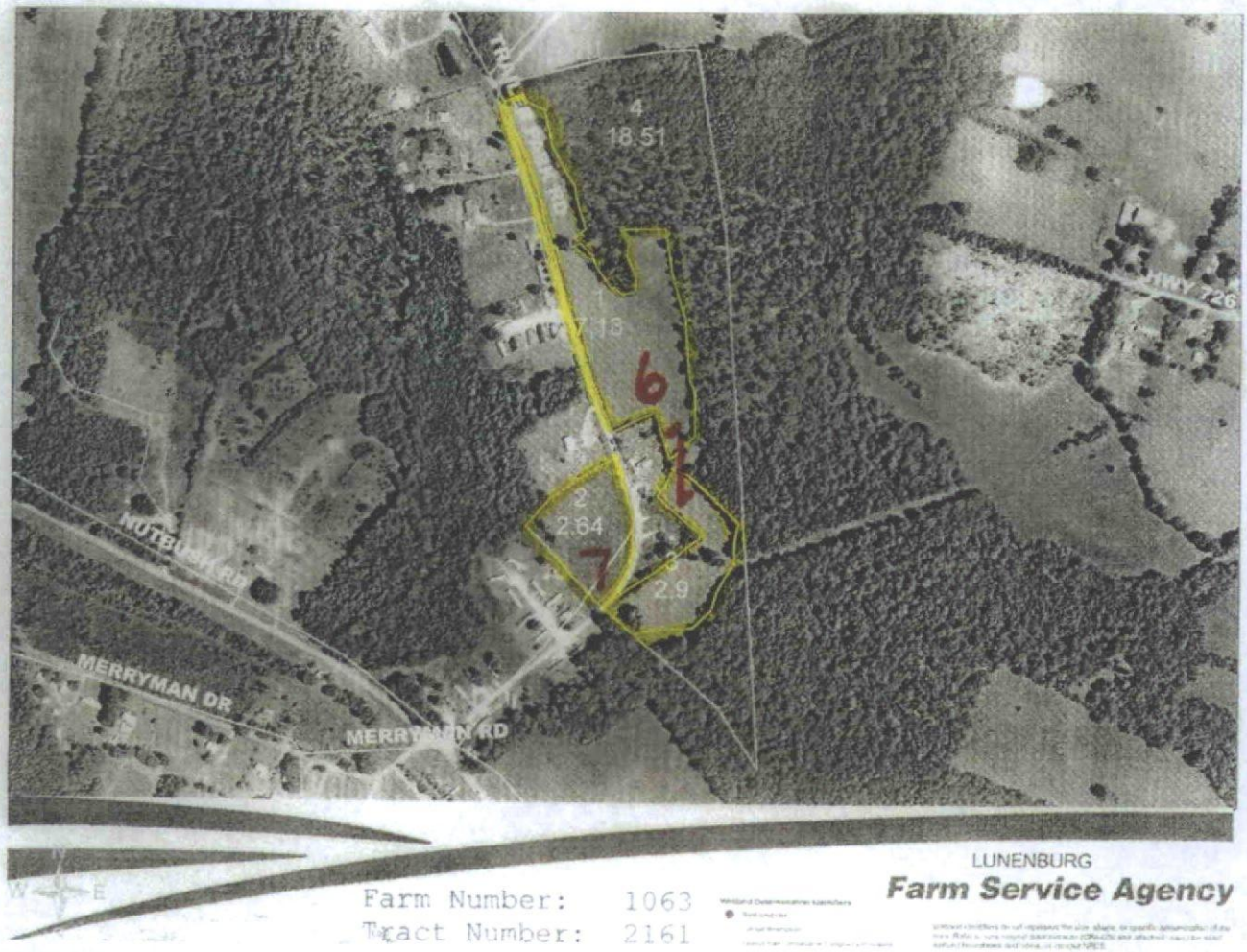
LUTLH 1-5

AERIAL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 FEET LUTLH 6-7

AERIAL MAP

N

Legend for Site Plan

House and Well

Well

Perennial Streams & Surface Waters

Wet Spot

Intermittent Stream / Drainage Ditch

Trees and Woods

Private Drive

Rock / Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary / Fence

Property Line

Slope

Frequent Flooded Soil (seasonal)

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 FEET LUTLH 1-5

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 FEET LUTLH 6-7

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 2,000 FEET

LUTLH 1-7

TOPOGRAPHIC MAP

N